1:Radin E-5 (1908-1913) 1923
NP12 Winnebago NP12

It might be said that all recollection of the making of wooden vessels could easily have been lost in the last century or two and that therefore too much weight should not be given to present ignorance of the subject. There are a number of reasons, however, why ignorance in this particular case might be significant. First, many indications point to workmanship of a low order among the Winnebago in the manufacture of artifacts; second, there are many suggestions of two cultural strata in this tribe; third, while the Winnebago in Wisconsin still use wooden vessels, many of them claim that these were introduced; and fourth, all the informants who gave this information were old people. If the author were to hazard an hypothesis, it would be the following: In very early times few objects were fashioned out of wood, but gradually contact with the Menominee led to the introduction of many wooden vessels, and finally the acquisition of European axes, knives, and other implements made it possible to manufacture such vessels in large numbers.[2] A similar explanation was offered by an Indian with regard to the use of dugouts.

Besides wood as a material for dishes and spoons of various kinds and sizes, shells were utilized, while sticks served as knives.

All informants agree that neither bone nor stone were used in the manufacture of utensils.

For cooking, clay pots were used. These vessels, most of which were very large, with round bottoms, always hung over the fire. The material used in their manufacture was blue clay found at Green Bay, on or near the site of St. Paul, Minn., mixed with shell shards, glue from sturgeon vetrebræ, and the gelatinous substance in the horns of the deer. The addition of these ingredients greatly increased the cohesiveness of the clay. The material was either molded with the hands or in holes of the desired shape dug in the ground and lined with leaves. Finally, the vessels were dried over a slow fire in small kilns constructed for the purpose. None of the clay vessels were provided with handles. Some were ornamented with geometric patterns. The irregular incised designs on some Winnebago vessels are the impressions of grass blades with which the mold was lined.[1]

Fire making.—In former times fire was always made by means of a simple fire drill. This method is still used for ceremonial occasions.

Tanning.—The author never witnessed the process of tanning. The description obtained agrees exactly with that of Mr. A. Skinner here quoted:[2]

> After the skin has been removed, the hair is scraped from it. During this process the skin is hung over an obliquely inclined log, one end of which has been smoothed

[1] One informant gave a description of pottery making in which a wheel was used, but as no other Winnebago corroborated this statement the author is convinced that it is inaccurate.

[2] Anthr. Papers Amer. Mus. Nat. Hist. pt. iv, pt. ii, pp. 280-289.